©ACS Chemical Abstracts, Columbus, Ohio, USA
XP-002105832 Vol. 92 (1980) 26-05 No. 21

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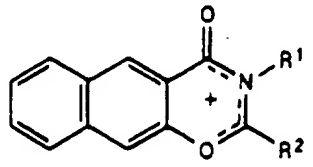
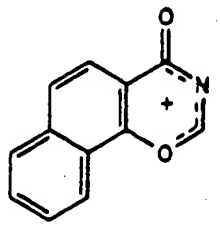
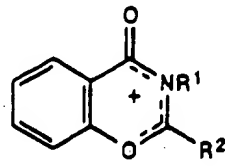
92: 181104e **Synthesis of 4-oxo-1,3-benz- and naphthoxazinium salts based on o-hydroxyarylamides.** Ryabukhina, O. Yu.; Ryabukhin, Yu. I.; Luk'yanov, B. S.; Dorofeenko, G. N. (Rostov. Gos. Univ., Rostov, USSR). *Khim. Geterotsikl. Soedin.* 1979, (12), 1611-16 (Russ). Naphthoxazinium salts **I** (R^1 = H,



I



II



ClO_4^- **III**

R^2 = Me, Et, styryl, CMe:CHPh; R^1 = Ph, R^2 = Me, Pr) and **II** (R^4 = H, Ph, R^2 = Me; R^1 = Ph, R^2 = Pr; R^1 = Me, R^2 = Me, Et, styryl) were prepd. in 40-90% yield and were less stable than their benzo analogs. **III** (R^1 = Ph, R^2 = Me; R^1 = H, R^2 = Bu, 4-$Me_2NC_6H_4$, 4-ClC_6H_4) were prepd. in 35-90% yield from the resp. salicylamides. The IR of **I** and **II** had a band at 1770 cm^{-1} for the CO group.

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